

Rahmi GÃ¶Ã¼lÃ¶

List of Publications by Year in descending order

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35
papers

829
citations

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578
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Robust H ∞ Control of STMDs Used in Structural Systems by Hardware in the Loop Simulation Method. Actuators, 2020, 9, 55. | 2.3 | 11 |
| 2 | H ∞ Optimal Control of DTMB 5415 Combatant Roll Motion with Active Fins. , 2020, , . | | 1 |
| 3 | Determination of critical section of wagon axle by considering dynamic and safety factors. AEJ - Alexandria Engineering Journal, 2019, 58, 611-624. | 6.4 | 5 |
| 4 | Use of a H ∞ Controller on a Half Semi-trailer Truck Model to Reduce Vibrations and Its Implications on Human Factor. Advances in Intelligent Systems and Computing, 2019, , 421-435. | 0.6 | 0 |
| 5 | Adaptive Vibration Controller Design for Structural Systems Despite Unknown Seismic Disturbance. , 2018, , . | | 1 |
| 6 | Vibration reduction of semi-trailer truck using MR dampers: A fuzzy logic control approach. , 2016, , . | | 0 |
| 7 | A New Approach for Reliability Life Prediction of Rail Vehicle Axle by Considering Vibration Measurement. Mathematical Problems in Engineering, 2014, 2014, 1-12. | 1.1 | 2 |
| 8 | Rail Vehicle Vibrations Control Using Parameters Adaptive PID Controller. Mathematical Problems in Engineering, 2014, 2014, 1-10. | 1.1 | 11 |
| 9 | Semiactive Self-Tuning Fuzzy Logic Control of Full Vehicle Model with MR Damper. Advances in Mechanical Engineering, 2014, 6, 816813. | 1.6 | 21 |
| 10 | Dynamic analysis of rail vehicle axle. Sadhana - Academy Proceedings in Engineering Sciences, 2013, 38, 265. | 1.3 | 4 |
| 11 | Instantaneous center of rotation behavior of the lumbar spine with ligament failure. Journal of Neurosurgery: Spine, 2013, 18, 617-626. | 1.7 | 18 |
| 12 | Railway Axle Analyses: Fatigue Damage and Life Analysis of Rail Vehicle Axle. Strojniski Vestnik/Journal of Mechanical Engineering, 2012, 58, 545-552. | 1.1 | 11 |
| 13 | Robust Delay-Dependent H ∞ Control for Uncertain Structural Systems With Actuator Delay. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2012, 134, . | 1.6 | 21 |
| 14 | Delay-Dependent H ∞ Controller Design for Seismic-Excited Structures with Actuator Delay under Consideration of Actuator Saturation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 11036-11041. | 0.4 | 1 |
| 15 | Self-tuning fuzzy logic control of crane structures against earthquake induced vibration. Nonlinear Dynamics, 2011, 64, 375-384. | 5.2 | 19 |
| 16 | Seismic Vibration Attenuation of a Structural System Having Actuator Saturation with a Delay-Dependent H ∞ Controller. Springer Proceedings in Physics, 2011, , 413-417. | 0.2 | 1 |
| 17 | Reliability and fatigue life evaluation of railway axles. Journal of Mechanical Science and Technology, 2010, 24, 671-679. | 1.5 | 24 |
| 18 | Steering DTC algorithm for IPMSM used in electrical vehicle (EV)- with fast response and minimum torque ripple. , 2010, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Fuzzy Logic Control of Vibrations of a Light Rail Transport Vehicle in Use in Istanbul Traffic. JVC/Journal of Vibration and Control, 2009, 15, 1423-1440. | 2.6 | 46 |
| 20 | Self-tuning fuzzy logic control of a non-linear structural system with ATMD against earthquake. Nonlinear Dynamics, 2009, 56, 199-211. | 5.2 | 25 |
| 21 | Seismic-vibration mitigation of a nonlinear structural system with an ATMD through a fuzzy PID controller. Nonlinear Dynamics, 2009, 58, 553-564. | 5.2 | 45 |
| 22 | Different control applications on a vehicle using fuzzy logic control. Sadhana - Academy Proceedings in Engineering Sciences, 2008, 33, 15-25. | 1.3 | 15 |
| 23 | Vibration control of a structure with ATMD against earthquake using fuzzy logic controllers. Journal of Sound and Vibration, 2008, 318, 36-49. | 3.9 | 169 |
| 24 | Neural network control of seat vibrations of a non-linear full vehicle model using PMSM. Mathematical and Computer Modelling, 2008, 47, 1356-1371. | 2.0 | 46 |
| 25 | CBA-neural network control of a non-linear full vehicle model. Simulation Modelling Practice and Theory, 2008, 16, 1163-1176. | 3.8 | 13 |
| 26 | Fuzzy Logic Control of a Non-linear Structural System against Earthquake Induced Vibration. JVC/Journal of Vibration and Control, 2007, 13, 1535-1551. | 2.6 | 57 |
| 27 | Sliding mode and PID control of a structural system against earthquake. Mathematical and Computer Modelling, 2006, 44, 210-217. | 2.0 | 103 |
| 28 | Fuzzy logic control of vehicle suspensions with dry friction nonlinearity. Sadhana - Academy Proceedings in Engineering Sciences, 2005, 30, 649-659. | 1.3 | 18 |
| 29 | Cluster PID Control of Viaduct Road Vibration. International Applied Mechanics, 2005, 41, 1204-1209. | 0.6 | 3 |
| 30 | Fuzzy Logic Control of Seat Vibrations of a Non-Linear Full Vehicle Model. Nonlinear Dynamics, 2005, 40, 21-34. | 5.2 | 65 |
| 31 | Evaluation of Sliding Mode and Proportional-Integral-Derivative Controlled Structures with an Active Mass Damper. JVC/Journal of Vibration and Control, 2005, 11, 397-406. | 2.6 | 18 |
| 32 | Active Suspension Control of Eight Degrees of Freedom Vehicle Model. Mathematical and Computational Applications, 2004, 9, 1-10. | 1.3 | 3 |
| 33 | ACTIVE CONTROL OF VIADUCT ROAD VIBRATIONS USING SLIDING MODES. The Proceedings of the International Conference on Motion and Vibration Control, 2002, 6.1, 100-104. | 0.0 | 1 |
| 34 | Vibrations control of light rail transportation vehicle via PID type fuzzy controller using parameters adaptive method. Turkish Journal of Electrical Engineering and Computer Sciences, 0, , . | 1.4 | 7 |
| 35 | Hybrid experimental investigation of MR damper controlled tuned mass damper used for structures under earthquakes. , 0, , 0-0. | | 0 |